

Message Text

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ACTION EB-08

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TO SECSTATE WASHDC PRIORITY 4690

UNCLAS SECTION 1 OF 3 GENEVA 424

STATE FOR EB/TD, FCC FOR BB/JOHNSON AND CE/CUTTS, OTP FOR PROBST

E.O. 11652: N/A

TAGS: ETEL, ITU

SUBJECT: ITU BROADCASTING-SATELLITE CONFERENCE: SITREP TWO

REF: GENEVA 268

1. SUMMARY: BAD NEWS OUTWEIGHED GOOD IN SECOND WEEK OF FIVE-WEEK CONFERENCE. BAD NEWS FOR US CAME FROM COMMITTEES 5 (PLANNING) AND 6 (PROCEDURES) WHERE WORK ON A PRIORI APPROACH PROCEEDED APACE. WORST PROBLEMS SURFACED IN WORKING GROUP 5B WHERE FAR-GOING US SUBMISSION ON "SAFEGUARDING FUTURE ACCESS TO GEOSTATIONARY ORBIT" MET NEGATIVE REACTION. GOOD NEWS WAS WORK OF COMMITTEE 4, WHERE MOST TECHNICAL PARAMETERS FAVORED BY US FOR REGION 2 WERE ACCEPTED, AND COMMITTEE 7, WHICH IS WELL ALONG IN APPROVING RE-ARRANGED RADIO REGULATIONS AS BASIS FOR PROPOSALS TO, AND DELIBERATIONS AT, 1979 WORLD ADMINISTRATIVE RADIO CONFERENCE. ISSUE OF COMPETENCE OF CONFERENCE TO REVISE RADIO REGULATIONS HAS IN EFFECT BEEN DECIDED IN NEGATIVE; AS MATTERS STAND IT APPEARS LIKELY THAT CONFERENCE WILL RECOMMEND INCORPORATION OF ITS OUTPUT INTO RR, POSSIBLY AS ANNEX, BY WARC-1979 END SUMMARY.

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2. PLENARY

A. PLENARY APPROVED DOC. 101 FROM COMMITTEE 6 (PROCEDURES) "RELATING TO THE FORM OF THE FINAL ACTS OF THE CONFERENCE." FINAL ACTS WOULD COMPRISE, INTER ALIA,

BEGIN TEXT:

1) A PLAN (OR PLANS) ALLOWING FOR THE REQUIREMENTS OF ALL COUNTRIES
WHETEHR REPRESENTED AT THE CONFERENCE OR NOT;

2) PROCEDURES GOVERNING THE IMPLEMENTATION OF, AND MODIFICA-
TIONS TO, THE PLAN (OR PLANS);

3) THE DATE OF ENTRY INTO FORCE OF THE DECISIONS OF THE
CONFERENCE; THIS DATE SHOULD BE AS CLOSE AS POSSIBLE TO THE
CONCLUSION OF THE PROCEEDINGS OF THE CONFERENCE;

4) THE PLAN (OR PLANS) AND THE RELEVANT PROCEDURES SHOULD BE
ESTABLISHED IN KEEPING WITH THE EXISTING PROVISIONS OF THE
CONVENTION AND THE RADIO REGULATIONS;

5) A RESOLUTION OR RECOMMENDATION:

A) ADDRESSED TO WARC 1979 REQUESTING THE ANNEXING TO THE RADIO
REGULATIONS, BY THAT CONFERENCE, OF THE FINAL ACTS OF WARC/SB
1977 IN THE FORM AND TO THE EXTENT IT DEEMS MOST APPROPRIATE
WITHOUT THEREBY AFFECTING THEIR CONTENT OR INTEGRITY;

B) ADDRESSED TO THE ADMINISTRATIVE COUNCIL OF THE INTERNATIONAL
TELECOMMUNICATION UNION REQUESTING THE INCLUSION IN THE AGENDA
OF WARC 1979 OF THE QUESTION REFERRED TO UNDER POINT A) ABOVE;

6) A RESOLUTION (OR RECOMMENDATION) REQUESTING THAT THE AFORESAID
FINAL ACTS, AFTER BEING ANNEXED TO THE RADIO REGULATIONS,
SHOULD BE REVISED ONLY BY A COMPETENT ADMINISTRATIVE RADIO
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CONFERENCE CONVENED IN ACCORDANCE WITH ARTICLE 54 OF THE
CONVENTION. END TEXT.

B. DEPUTY SECRETARY GENERAL BUTLER HAS BEEN ACTIVE ON ISSUE
OF FORM OF FINAL ACTS,AND STEERING COMMITTEE WILL DOUBTLESS
CONSIDER MATTER FURTHER.

3. COMMITTEE 4 (TECHNICAL)

A. C4 NEARLY COMPLETED ITS ASSIGNED TASK OF AGREEING UPON
THE 22 TECHNICAL CHARACTERISTICS OF BROADCASTING-SATELLITE
SYSTEMS NEEDED FOR PLANNING BY C5. MOST CONTROVERSIAL
CHARACTERISTICS WERE: AMOUNT OF ENERGY DISPERSLA, TYPE OF
POLARIZATION, PROPAGATION MARGIN, AND DEFINITIONS OF SERVICE
AREA AND COVERAGE AREA. IN SOME CASES, CHARACTERISTICS FOR
REGION 2 WERE DIFFERENT FROM THOSE JOINTLY AGREED TO FOR
REGIONS 1 AND 3 (FOR EXAMPLE, POWER FLUX DENSITY, SIGNAL
BANDWIDTH, MINIMUM EARTH STATION SIZE) AND PERMIT HIGHER
ORBIT-SPECTRUM UTILIZATION IN REGION 2.

B. CHARACTERISTICS FOR REGION 2 WERE GENERALLY CONSISTENT WITH US POSITIONS. EXCEPTION TO THIS WAS CHOICE OF CIRCULAR POLARIZATION OF WORLDWIDE BASIS, TO WHICH US TOOK EXPRESS EXCEPTION.

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C. WHERE RELEVANT, C4 NOTED THAT SPECIFIED CHARACTERISTICS WERE ONLY FOR PLANNING AT PRESENT CONFERENCE; SUBSEQUENT PLANNING WOULD USE LATEST CCIR RECOMMENDED VALUES.

D. STILL TO BE RESOLVED ARE: FADING ALLOWANCE FOR TROPICAL COUNTRIES, DEFINITION OF SPILLOVER, INTERREGIONAL SHARING CRITERIA, AND CRITERIA FOR SHARING WITH TERRESTRIAL SERVICES.

4. COMMITTEE 5 (PLANNING)

A. WG 5A. CHAIRMAN TEMPLE (UK) PUSHED HARD TO GET SWGS GOING ON TWO VERSIONS OF AN A PRIORI PLAN FOR REGIONS 1 AND 3. IT APPEARS THAT PLAN WILL FOLLOW FRENCH FORMAT. UK, FRANCE, USSR, AND ITALY TAKING LEADERSHIP. SOME SMALLER COUNTRIES HAVE EXPRESSED CONCERN ON OUTCOME OF PLANNING. SWGS ASKED TO REPORT ON ASSUMED ORBITAL-POSITION PLAN EARLY NEXT WEEK, FOLLOWING WHICH IMPACT ON REGION 2 WOULD BE ASSESSED.

B. WG 5A FORMED 5 SWGS: OF PRIMARY INTEREST ARE SWG 5A2, WHICH WILL CONSIDER ALL LISTED REQUIREMENTS AND TRY TO FORMULATE AN A PRIORI PLAN BASED THEREON, AND SWG 5A3, WHICH

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WILL START WITH 5 PROGRAMS PER TERRITORY AND EXPAND FROM THERE. SWG 5A6 WILL ANALYZE "TIERED" NEW ZEALAND APPROACH.

C. TEMPLE'S INSTRUCTIONS TO SWGS DID NOT COVER INTERREGIONAL SHARING CRITERIA. FOLLOWING INTERVENTION BY US, HE ADDED THAT PLANS SHOULD UTILIZE "MINIMUM AMOUNT" OF ORBIT SPACE. HE PROMISED TO CONSIDER INTERREGIONAL CRITERIA LATER.

D. WG 5B, CHAIRED BY DR. BLEVITS (CANADA), DEALT WITH PLANNING FOR REGION 2, A MATTER OF MAJOR INTEREST TO US. EARLY IN SECOND WEEK, CHAIRMAN PRESENTED WELL-BALANCED SUMMARY OF STATE OF PLAY TO DATE: STRONG SUPPORT FOR A PRIORI PLAN BY CUBA, MEXICO, AND VENEZUELA; STRONG SUPPORT FOR EVOLUTIONARY PLAN BY US AND CHILE; TENDENCE TOWARD AN EVOLUTIONARY PLAN BY COLOMBIA AND ECUADOR; AND SUPPORT FOR "ADAPTIVE" PLAN, OR INTERMEDIATE POSITION, BY CANADA AND BRAZIL.

E. IN WG 5B US PRESENTED SEVEN PLANNING PRINCIPLES FOR PLANNING IN REGION 2. AFTER LENGTHY DISCUSSION, THEY WERE ADOPTED AS PRESENTED (SEE DOC. 110, POUCHED EB/TD), WITH TWO EXCEPTIONS:

PHRASE "THIS PRINCIPLE DOES NOT AFFECT ANY SOVEREIGN RIGHTS WHICH MIGHT EXIST" WAS INSERTED IN TWO PLACES; THIS WAS MINIMUM FORMULA EQUATORIAL COUNTRIES WOULD ACCEPT TO PERMIT WORK OF WG TO PROCEED. AN EIGHTH PRINCIPLE WAS ADOPTED THAT PLANNING SHOULD PROCEED ON THE BASIS OF INDIVIDUAL RECEPTION. US ATTEMPTS TO PERMIT PLANNING BASED ON COMMUNITY RECEPTION WERE IN VAIN.

F. WG 5B ADOPTED WITHOUT OPPOSITION FORTH PRINCIPLE ON EQUITABLE SHARING OF BURDEN IN OVERLAPPING ARC BETWEEN REGION 2 AND REGIONS 1 AND 3.

G. AFTER PRINCIPLES WERE APPROVED, US INTRODUCED DOC. 98
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"SAFEGUARDING FUTURE ACCESS TO THE GEOSTATIONARY ORBIT."
THIS RECEIVED NO SUPPORT AND MEXICO, VENEZUELA, BOLIVIA, AND CUBA ATTACKED IT IN STRONG TERMS. CONCEPT, PRESENTED IN DOCUMENT, OF AN ORBIT-USE IMPACT STATEMENT MAY NOT HAVE BEEN UNDERSTOOD FULLY ON INITIAL READING. IN ANY EVENT NEGATIVE REACTION SUGGESTED IT WAS INTERPRETED AS DODGE TO AVOID A

PRIORI PLAN FOR REGION 2.

H. OTHER LESS CONTROVERSIAL TOPICS DISCUSSED BY WG 5B INCLUDED ORBIT DIVISION, TYPE OF PLANNING, GUARANTEED ACCESS, DATE OF IMPLEMENTATION OF A PLAN, NO RECOGNITION OF PRIOR SERVICES, REGIONAL CONFERENCE, EFFICIENCY OF SPECTRUM-ORBIT UTILIZATION, INTERREGIONAL SHARING, AND INTERSERVICE SHARING.

I. WG 5B FORMED TWO SMALL DRAFTING GROUPS TO PRODUCE BRIEF INPUT PAPERS BY TUESDAY OF THIRD WEEK, ONE ON INTERREGIONAL SHARING (US), AND ONE ON SPECTRUM-ORBIT UTILIZATION (CANADA AND US).

J. SWG 5B2, CHAIRED BY DR. ALBERNAZ (BRAZIL) WAS ESTABLISHED TO CONSIDER ORBITAL DIVISION. MEMBERS ARE US, MEXICO, CANADA, CUBA, AND DENMARK (FOR GREENLAND). AT MEETING OF SWG 5B2 END OF SECOND WEEK, DECISION MADE THAT EACH COUNTRY PRESENT WOULD DETERMINE ITS OWN SERVICE ARCS, WITH CHAIRMAN DETERMINING SERVICE ARCS FOR COUNTRIES NOT PRESENT. CRITERIA SHOULD BE ELEVATION ANGLE (20, 30, OR 40 DEGREES) AND ECLIPSE PROTECTION (MIDNIGHT OR 0100 LOCAL TIME). ADMINISTRATION PLANNING FOR AREAS IN VERY HIGH LATITUDES (CANADA, GREENLAND) WOULD USE THEIR OWN CRITERIA.

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K. C5 MET THURSDAY OF SECOND WEEK. AS EXPECTED, PRINCIPLE TWO OF DOC. 110 ON EQUITABLE BURDEN FOR REGIONS WAS POORLY RECEIVED BY REGION 1 COUNTRIES (ITALY, USSR, UK). UPSHOT

WAS THAT CHAIRMAN PETTI (ITALY) "NOTED" CONTENTS OF DOC. 110, AND MATTER WAS REFERRED TO WG 5C (COMPATIBILITY BETWEEN REGIONS 1/3 AND REGION 2).

L. COMMENT: OPPOSITION TO AN EVOLUTIONARY PLAN FOR REGION 2 IS STILL STRONG, WITH SAME MOVEMENT TOWARD ARC SEGMENTATION BETWEEN BSS AND FSS AS PROPOSED BY BRAZIL AND CANADA. EVEN UNDER ARC-SEGMENTATION APPROACH, HOWEVER, THERE IS STRONG SUPPORT BY SOME FOR A PRIORI PLAN WITHIN BROADCASTING-SATELLITE ARC. PRINCIPLES PRESENTED BY US WERE ACCEPTED, BUT BEYOND THAT US PROPOSALS IN C5 WERE POORLY RECEIVED, WITH CUBA, MEXICO, AND VENEZUELA TAKING LEAD IN OPPOSING US POSITIONS. INTERREGIONAL SHARING PROBLEM BETWEEN REGIONS 1 AND 2 IS EMERGING AS MAJOR PROBLEM AREA, WITH REGION 1 APPEARING RIGIDLY OPPOSED TO COMPROMISE.

5. COMMITTEE 6 (PLANNING)

A. WG 6A, DEVELOPMENT OF PROCEDURES FOR IMPLEMENTATION OF UNCLASSIFIED

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BSS, BEGAN ITS WORK WITH CONSIDERATION OF PROCEDURES FOR COORDINATION, NOTIFICATION, AND REGISTRATION OF STATIONS PART OF AN A PRIORI PLAN. INITIAL WORKING DOCUMENT OF GROUP IS DOC. 11 PROPOSALS OF ITALY. PRIMARY EMPHASIS OF GROUP IS CONSIDERATION OF PROCEDURES FOR IMPLEMENTING NEW A PRIORI ASSIGNMENTS VIS-A-VIS EXISTING A PRIORI ASSIGNMENTS. US INTERVENED DURING DISCUSSION TO EMPHASIZE IMPORTANCE OF LEAVING MATTER OPEN FOR FUTURE CONSIDERATION PENDING OUTPUT OF WG 5B, REGION 2 PLANNING. WG ON PROCEDURES FOR BSS NOT PART OF AN A PRIORI PLAN EXPECTED TO GET UNDER WAY MIDDLE OF THIRD WEEK SUBJECT TO OUTPUT OF SWG 6A1 ON PROCEDURES FOR A PRIORI PLANNING.

B. WG 6B, DEVELOPMENT OF PROCEDURES FOR OTHER THAN BSS, PRODUCED NO OUTPUT DURING SECOND WEEK. TREND APPEARS TO BE TO FOLLOW ARTICLE 9A PROCEDURES FOR FSS WITH RECOGNITION UNDER NOS. 639AD AND 639AJOF RR TO ACCOUNT FOR BSS PLAN. DEPENDENT ON APPROACH TO REGION 2 PLANNING, SUBSEQUENT MODIFICATION MAY BE REQUIRED. WITH RESPECT TO TERRESTRIAL SERVICES, INCLINATION APPEARS TO BE NOT TO TAMPER WITH ARTICLE 9 PROCEDURES WITH RESPECT TO EACH OTHER, AND TO IMPOSE POWER FLUX DENSITY (PFD) LIMITS AT NATIONAL FRONTIERS TO PROTECT EARTH STATIONS OF BSS.

C. WG 6C, PREFERRED FORMAT OF FINAL ACTS, COMPLETED ITS WORK WHICH WAS SUBSEQUENTLY ADOPTED IN PLENARY. ISSUE OF COMPETENCE OF CONFERENCE TO MODIFY RR RESOLVED AS DESCRIBED IN PARA 2.

6. COMMITTEE 7 (RE-ARRANGEMENT OF RADIO REGULATIONS)

A. C7 AND SUBGROUPS MET FOUR DAYS DURING SECOND WEEK. C7 HAS UNANIMOUSLY ENDORSED, WITH MINOR CORRECTIONS, RE-ARRANGEMENT OF RR PROPOSED BY GROUP OF EXPERTS THAT MET YEAR AGO. SECRETARY GENERAL WILL PUBLISH SMOOTH VERSION AND DISTRIBUTE TO ADMINISTRATIONS BY SEPTEMBER 1977.
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B. C7 HAS DEVELOPED DRAFT RESOLUTION WHICH RECOGNIZES POSSIBILITY OF FURTHER REFINEMENT OF RE-ARRANGEMENT AND DELETION OF REDUNDANT PROVISIONS BY WARC-1979, URGES MEMBERS TO SUBMIT ALL PROPOSALS FOR WARC-1979 IN ACCORDANCE WITH NEW FORMAT, AND REQUESTS THAT CONFERENCE AGREE TO USE THE RE-ARRANGED RR, TOGETHER WITH EXISTING APPENDICES, ADDITIONAL RADIO REGULATIONS, RESOLUTIONS AND RECOMMENDATIONS, AS BASIC REFERENCE DOCUMENT FOR DISCUSSIONS.

C. MAIN WORK REMAINING FOR THIRD WEEK IS APPROVAL OF RESOLUTION BY C7 AND PLENARY, AND DISPOSITION OF STATEMENT INSERTED BY PEOPLE'S REPUBLIC OF CHINA IN TEXT OF GROUP OF EXPERTS' REPORT (PARA. 4.2, 11.3, AND 17.5). NORTH KOREA MADE STATEMENT IN C7, OBJECTING TO SUCH MATTERS AS INCLUSION IN RR OF CALL SIGN SERIES FOR SOUTH KOREA ONLY; CHAIRMAN ASKED FOR WRITTEN SUBMISSION, WHICH EXPECTED TO BE CONSIDERED ALONG WITH PRC MATTER DURING THIRD WEEK.

7. COMMITTEE 8 (EDITORIAL) HELD INITIAL ORGANIZATIONAL MEETING 20 JANUARY UNDER CHAIRMANSHIP OF MISS M. HUET (FRANCE). C8 WILL MEET DURING THIRD WEEK IF OUTPUTS OF OTHER COMMITTEES ARE AVAILABLE FOR EDITING. CATTO

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